

Title (en)

Slide fastener elements made of helically wound monofilament and method of forming the same.

Title (de)

Schraubenwendelförmige Reissverschlussgliederreihen aus Monofilamenten und Verfahren zu deren Herstellung.

Title (fr)

Élément de fermeture à curseur constitué d'un monofilament enroulé en hélice et son procédé de fabrication.

Publication

**EP 0437802 B1 19940713 (EN)**

Application

**EP 90125116 A 19901221**

Priority

JP 34275689 A 19891229

Abstract (en)

[origin: EP0437802A1] Slide fastener elements (1) comprises an interengaging head (3) arranged on one-line in the longitudinal direction of the slide fastener elements, a pair of interengaging head-side widened portions (6,7) formed at the both sides of the interengaging head, upper (4) and lower (5) legs extending from the both ends of the interengaging head through the pair of interengaging head-side widened portions respectively so as to transverse the longitudinal direction of the slide fastener elements and a turn (16) extending between an upper leg of one slide fastener element and a lower leg of an adjacent slide fastener element through a pair of connecting portions (11,12) formed at the both sides of the turn. The interengaging head (3) is formed by pressing the monofilament to be widened at its portion corresponding to the interengaging head. The interengaging head-side widened portions and the connecting portions are formed by pressing the monofilament to be widened adjacent to the head and the turn respectively and used as the bending portions of the monofilament into the slide fastener elements made of the helically wound monofilament. <IMAGE>

IPC 1-7

**A44B 19/12**; **B29D 5/06**

IPC 8 full level

**A44B 19/12** (2006.01); **B29D 5/06** (2006.01)

CPC (source: EP KR US)

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Cited by

EP0449163A3; FR2766674A1; EP0962161A1; US6134756A; CN1075438C

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